

California OES Weather Threat Briefing

Saturday, July 10, 2021
9:00 AM PDT

Day 1 (Saturday): Dangerously hot temperatures will continue across much of the state today, with high to very high heat risk impacts expected.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/10/21 - 07/16/21

Saturday-Friday

- Hot temperatures continue for much of interior and southern California, with **high to very high heat risk** impacts through Monday
 - High temperatures across much of the Central Valley and interior southern California will range from upper 90s to around 115 for the weekend, with areas into the 120s in the southern deserts and near 130F at Death Valley.
 - Excessively warm overnight temperatures are also expected through Monday. **Overnight low temperatures will range from 15-25 degrees above normal for early-to-mid July.**
 - **Many locations will approach or break daily records throughout the event, both for daytime high temperatures and high overnight low temperatures.**
 - **Compared to recent significant heat waves this year, the high temperatures will be slightly warmer than recent events, and the overnight lows will be several degrees warmer than previous events.**
 - Slightly cooler but still above normal temperatures expected for the middle of next week.
- Breezy conditions each afternoon will persist in the foothills and mountains, bringing periods of elevated fire weather conditions
- Isolated thunderstorms are possible as across southeastern California and across the Sierra, though precipitation amounts are not expected to be significant
 - Northern, coastal and most southern California locations will remain dry throughout the week



CALIFORNIA WEATHER IMPACTS

07/10/21 - 07/16/21

<u>Hazards / Day</u>	SAT	SUN	MON	TUE	WED	THU	FRI
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

PRECIPITATION FORECAST

07/10/21 - 07/12/21

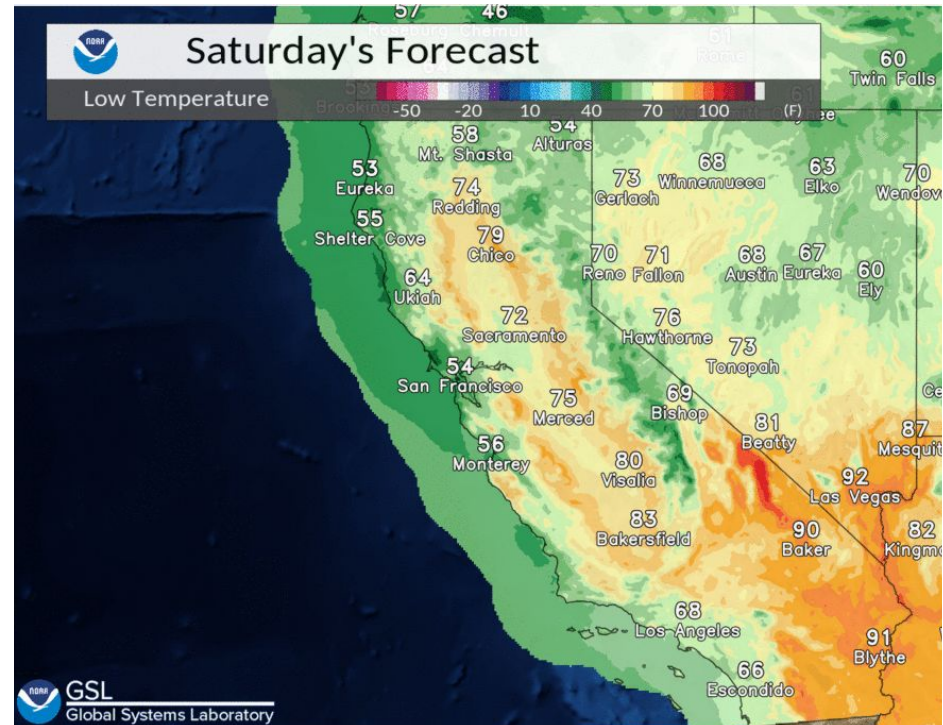
No significant precipitation is expected over the next few days

Precipitation (inches)



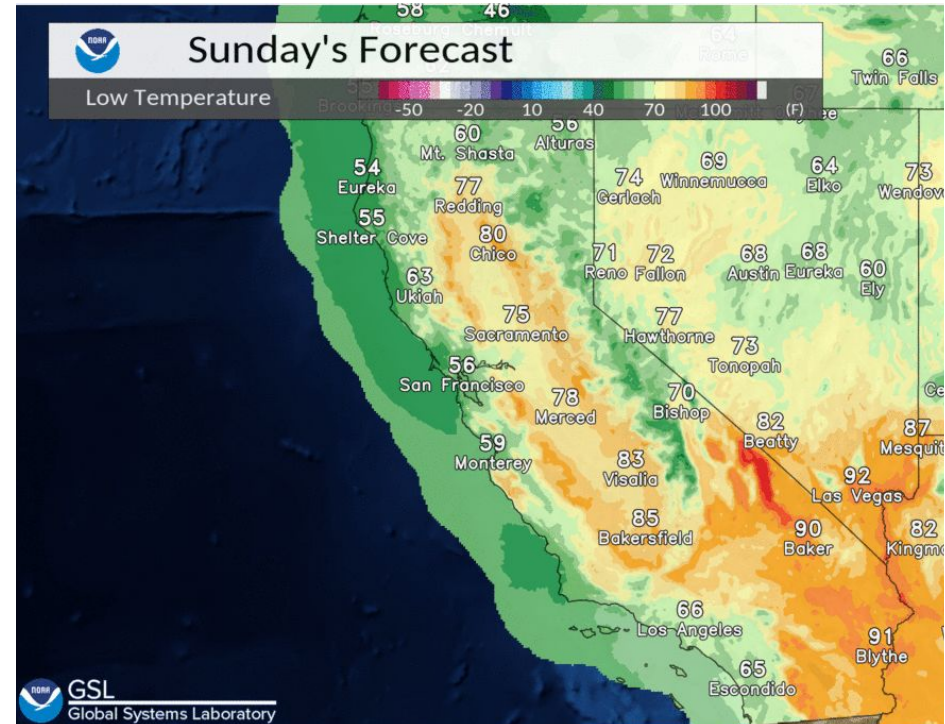
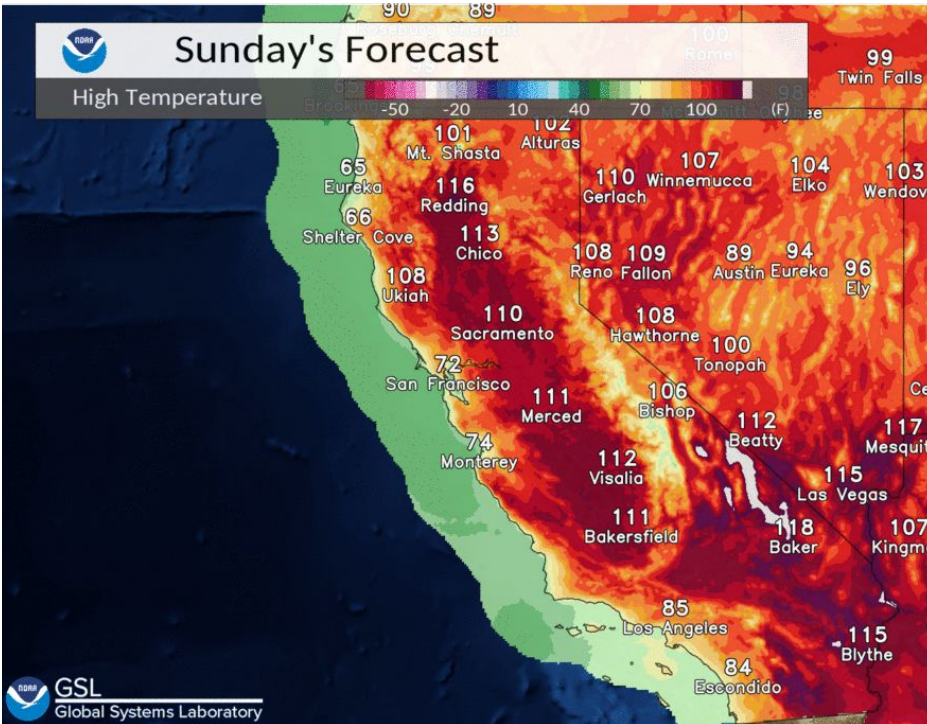
TEMPERATURE FORECAST

07/10/21



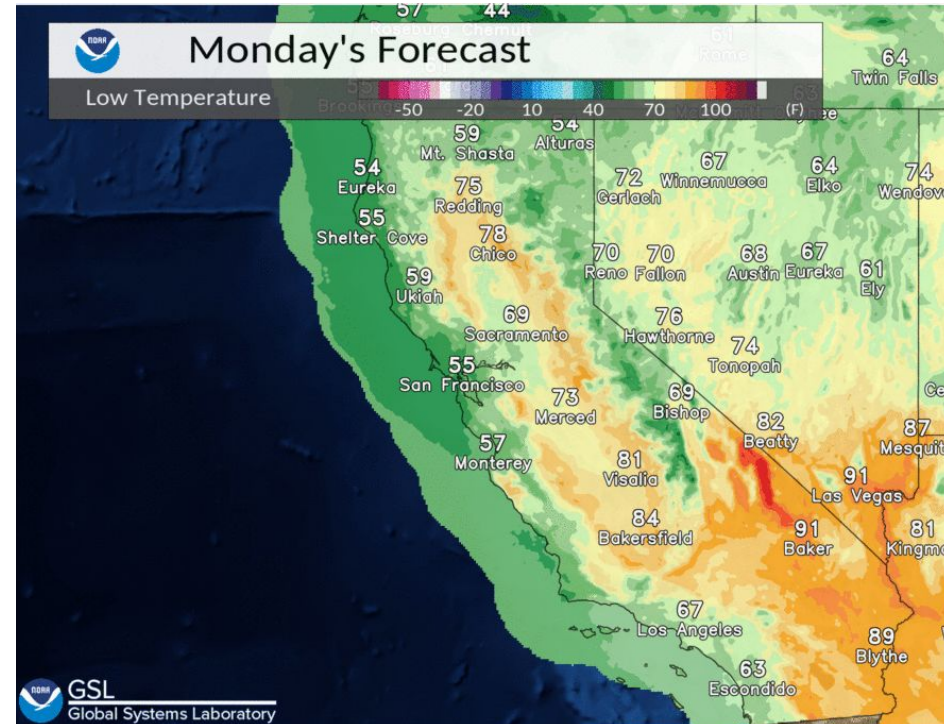
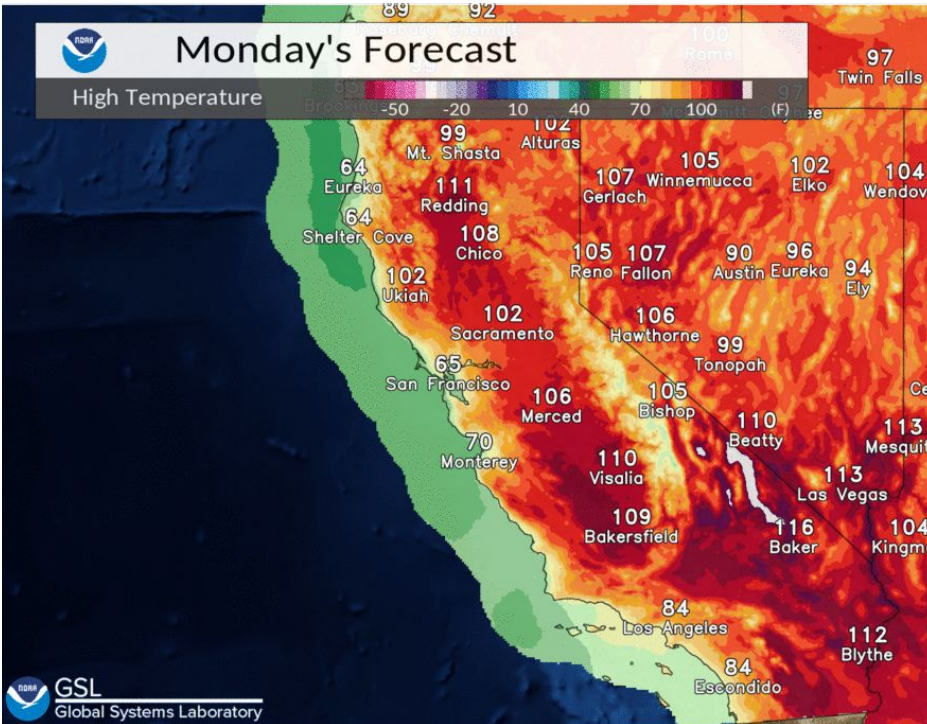
TEMPERATURE FORECAST

07/11/21



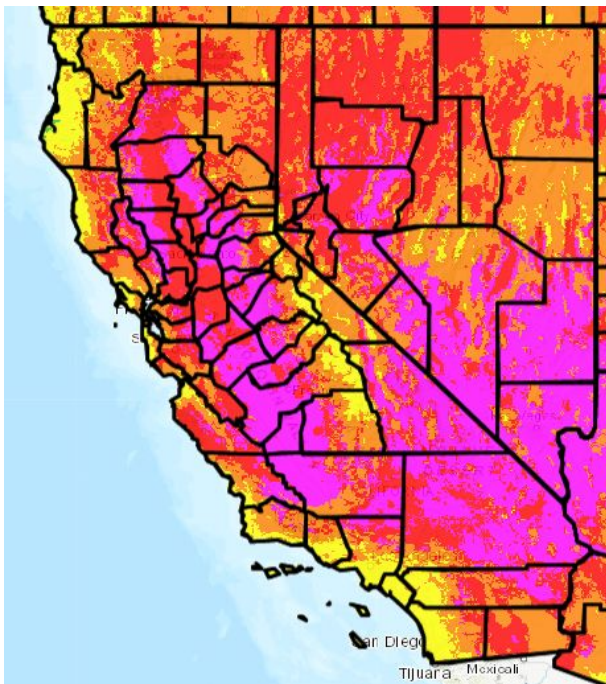
TEMPERATURE FORECAST

07/12/21

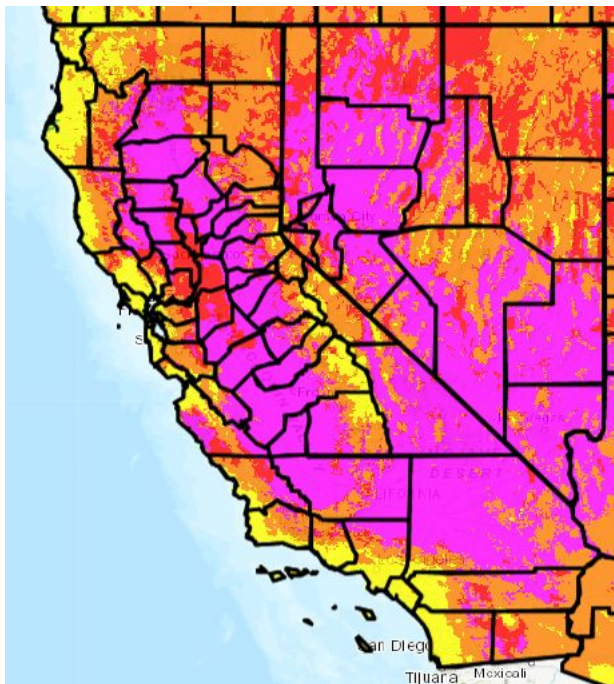


HEAT RISK FORECAST

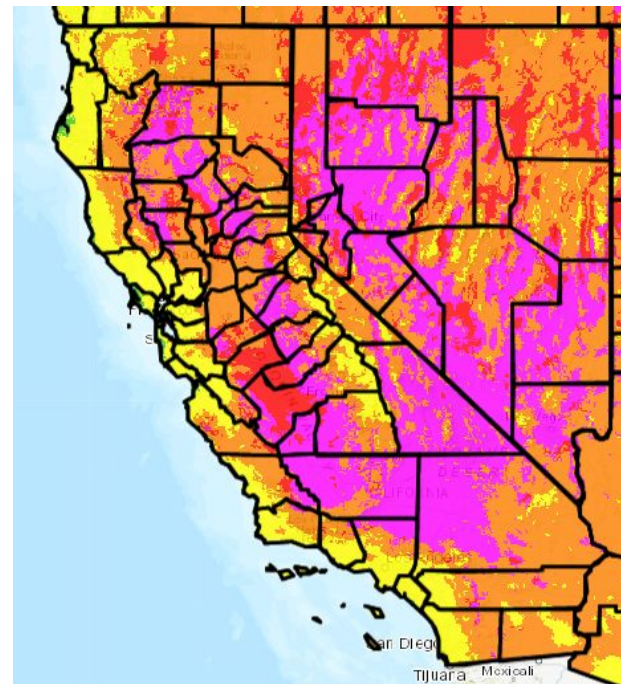
07/10/21 - 07/12/21



Saturday



Sunday



Monday

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight



WEATHER OUTLOOK

07/15/21 - 07/23/21

6-10 Day Outlook (July 15 – July 19)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored for most of the state, except below normal precipitation is favored for far northern California and the Sierras

8-14 Day Outlook (July 17 – July 23)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored statewide



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